

CLAIMS

1. A polyurethane elastic fiber nonwoven fabric comprising polyurethane elastic fiber filaments which are mutually fused and bonded, wherein a tensile elongation is not less than 100%, a recovery at 50% elongation is not less than 75%, and a tear strength per basis weight is not less than 5.5 gf.

2. A method of producing a polyurethane elastic fiber nonwoven fabric, which comprises dehydrating a thermoplastic polyurethane elastomer having a Shore A hardness of not less than 92, thereby to reduce a moisture content to 150 ppm or less, melt-spinning the thermoplastic polyurethane elastomer, scattering the resulting polyurethane filaments through a high-speed air flow, and depositing and laminating the filaments in a sheet form at a temperature which is 35°C lower than the Vicat softening temperature.

3. A synthetic leather comprising a base material layer made of a polyurethane elastic fiber nonwoven fabric comprising polyurethane elastic fiber filaments which are mutually fused and bonded, and a skin layer made of a synthetic resin sheet laminated on the base material layer, wherein a tensile elongation is not less than 100%, a recovery at 50% elongation is not less than 75%, and a tear strength per basis weight is not less than 2.5 gf.